

Appl. No. 10/605,851  
Amdt. dated December 29, 2005  
Reply to Office action of September 30, 2005

### REMARKS/ARGUMENTS

This is a full and timely response to the outstanding non-final Office Action. Claims 1-8 are pending of which claims 1 and 7 have been amended to more clearly describe the claimed invention. Claim 1 has been amended to overcome the 35 U.S.C. 112 rejection and to include the limitations of allowed claim 5. Claim 5 has been canceled. Amendments to claim 7 are made to clear up antecedent informalities. No new material has been introduced. Reconsideration and allowance of the application and presently pending claims 1-4 and 6-8 are respectfully requested.

#### 10 Present Status of the Application:

The disclosure is objected to because of informalities. Claim 7 is objected to because of informalities. Claims 1-8 are rejected under 35 U.S.C. 112, second paragraph, for use of an indefinite term "heat pipe". Claims 1, 2, 6, 7, and 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cheon (US 2004/0008483) in view of Kobayashi et al. (US 6,840,304). Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cheon (US 2004/0008483) in view of Kobayashi et al. (US 6,840,304) and further in view of Gilber et al. (US 6,546,360). Claim 5 would be allowable if rewritten to overcome the rejection under 35 U.S.C. 112, second paragraph, and to include all of the limitations of the base claim and any intervening claims.

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#### Discussion of Office Action Rejections:

##### **1. Concerning 35 U.S.C. 112, specification, and drawings**

Because of the Examiner cited possible ambiguity revolving around the use of the term "heat pipe" in the present application, all instances in the specification of the term "heat pipe" have been replaced with the term "pipe". This replacement occurs in paragraphs [0006], [0007], [0009], [0014], and [0015]. The Abstract has also been altered to replace the term "heat pipe" with "liquid coolant carrying pipe". Additionally, paragraph [0005] has been

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slightly amended for grammatical reasons and paragraph [0014] has been further amended for grammatical reasons and for the cited informality. Reconsideration of the specification is respectfully requested.

5 Claim 1 has also been amended to replace the term "heat pipe" with "pipe" and to clear up a few minor grammatical instances. The second introduction of a storage unit has been removed from claim 7. No new material has been introduced. Reconsideration of claims 1-8 under the 35 U.S.C. 112, second paragraph, rejection is respectfully requested.

On the Office Action Summary page of the current Office action, the Examiner has check box number 10(b) indicating that the drawings are objected to by the Examiner.  
10 However, the Applicant is unable to locate any statements in the Detailed Action section of the Office action suggesting a reason for the objection or any required course of action on the part of the Applicant. Should the checking of this box not be in error, it is respectfully requested that the Examiner indicate what action concerning the drawings is required to overcome the objection.

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## **2. Concerning 35 U.S.C. 103**

The Applicant acknowledges and appreciates the allowance of claim 5 if rewritten as detailed above. Without disclaimer of any kind regarding the merits of any and all claims in the current application, the Applicant has chosen to amend claim 1 to include the limitations  
20 of allowed claim 5 and claim 5 has been canceled. No new material has been introduced. Because the allowability of dependant claims ultimately depend upon the allowability of their respective base claim, and the Examiner has stated that this combination of limitations would be allowable, all dependent claims should now also be allowable. Therefore, reconsideration of claims 1-4, and 6-8 is respectfully requested.

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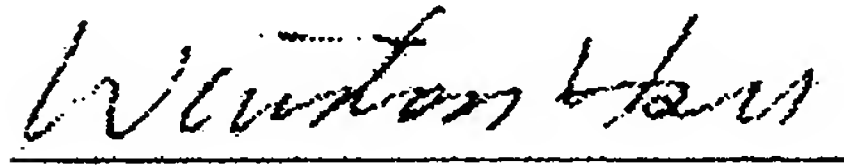
## **CONCLUSION**

It is believed that the 35 U.S.C. 112, second paragraph rejections have been overcome and the inclusion of allowed claim 5 limitations into claim 1 should make all claims

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allowable. Applicant respectfully requests that a timely Notice of Allowance be issued in this case, should the Examiner concur.

5 Sincerely yours,



Date: 12/29/2005

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15 Note: Please leave a message in my voice mail if you need to talk to me. (The time in D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)